

## INDUSTRIAL WORKSHOP REPORT

Gail Stockton  
Turney, Sayre, & Turney Engineers  
Santa Fe, New Mexico

The Industrial Workshop addressed the assigned problem of how to manage increasing competition for limited fresh water supplies among industry, agriculture, municipalities, and recreation.

After considerable haggling and general disagreement during yesterday's workshop, we resumed our meeting this morning by trying to focus on general areas of agreement that surfaced during our earlier discussions.

We agreed that competition for water should and probably would be resolved in the marketplace. Existing legislation and regulation of water resources in New Mexico provide sufficient guidance to reduce water conflicts and sustain a growing economy.

Our group, however, developed a list of seven very general recommended actions that are needed to augment and aid the decisions made in the marketplace and the courts. These are:

1. Expand research and development in water conservation technology; specifically, saline water development, water reuse, drip irrigation, and improved technologies for efficient industrial water utilization.
2. Improve water practices management by the competing water users, developed through economic incentives for the application of new technologies. (It was generally recognized in this workshop

that New Mexico's water resources were satisfactorily managed through existing legislation, agencies, and commissions.)

3. More thorough enforcement of already existing water quality and quantity legislation and regulations by providing adequate manpower and funds to state regulatory agencies.
4. Better education of the public and their elected representatives in water resources needs; ongoing training and updating of technical people to implement development in new technologies.
5. Better coordination and interaction of all agencies that are presently involved in water resource planning in New Mexico; determination through informal meetings of what is being covered already.
6. Voluntary cooperation between competing water users, such as industrial or agricultural use of municipal wastewater treatment plant effluent when high quality water that is better utilized for domestic purposes is not necessary, or design of wastewater final polishing ponds to also serve as a natural habitat for a variety of fish and wildlife.
7. Increase communication and interaction between competing water users as provided by these annual water conferences sponsored by the New Mexico Water Resources Research Institute; the possibility of having more frequent meetings, or at different locations in the state was also recommended.

Thank you.